

11

18. The method of claim **16**, further comprising:
forming the protective structure to cover sidewalls of the
organic photoelectrical conversion structure.

19. The method of claim **16**, further comprising:
forming an organic photoelectrical conversion layer over 5
the first electrode layer;
removing a portion of the organic photoelectrical conver-
sion layer to form a recess that circumscribes at a
perimeter of the organic photoelectrical conversion
structure; and 10

forming the protective structure to fill the removed por-
tion of the organic photoelectrical conversion structure.

20. The method of claim **16**,
wherein the organic photoelectrical conversion structure
is configured to convert photons having wavelengths 15
falling within a predetermined range into an electrical
signal; and
wherein the second electrode layer is transparent to the
photons having wavelengths falling within the prede-
termined range. 20

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12